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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/976,935

DATE: 11/06/2001
TIME: 14:33:11

Input Set : A:\36470A.txt
Output Set: N:\CRF3\11062001\I976935.raw

5 <110> APPLICANT: Staunton, et al.
8 <120> TITLE OF INVENTION: MATERIALS AND METHODS TO MODULATE LIGAND BINDING/ENZYMATIC
ACTIVITY
9 OF ALPHA/BETA PROTEINS CONTAINING AN ALLOSTERIC REGULATORY SITE
12 <130> FILE REFERENCE: 27866/36470A
C--> 15 <140> CURRENT APPLICATION NUMBER: US/09/976,935
C--> 16 <141> CURRENT FILING DATE: 2001-10-12 *OK*
18 <150> PRIOR APPLICATION NUMBER: US 60/239,750
19 <151> PRIOR FILING DATE: 2000-10-12
22 <160> NUMBER OF SEQ ID NOS: 34
25 <170> SOFTWARE: PatentIn version 3.1
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59 <213> ORGANISM: I332A
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80 gaagatctt gcgatcgccg gtactcagac agg 33
83 <210> SEQ ID NO: 7

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RAW SEQUENCE LISTING DATE: 11/06/2001
PATENT APPLICATION: US/09/976,935 TIME: 14:33:12

Input Set : A:\36470A.txt
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104 <213> ORGANISM: Amino acid insertion
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109 1 5 10 15
112 Val Leu Ile Cys Ile Gln Val Leu Val Arg Arg
113 20 25
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131 <213> ORGANISM: primer Eo-24
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134 gaagttggcc tgagcctgg 19
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293 <213> ORGANISM: Primer specific for 3'EchHPPK		
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301 <212> TYPE: PRT		
302 <213> ORGANISM: amino acid sequence of E. coli HPPK		
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Input Set : A:\36470A.txt
Output Set: N:\CRF3\11062001\I976935.raw

310 Glu Gln Val Asn Ala Ala Leu Lys Ala Leu Gly Asp Ile Pro Glu Ser
311 20 25 30
314 His Ile Leu Thr Val Ser Ser Phe Tyr Arg Thr Pro Pro Leu Gly Pro
315 35 40 45
318 Gln Asp Gln Pro Asp Tyr Leu Asn Ala Ala Val Ala Leu Glu Thr Ser
319 50 55 60
322 Leu Ala Pro Glu Glu Leu Leu Asn His Thr Gln Arg Ile Glu Leu Gln
323 65 70 75 80
326 Gln Gly Arg Val Arg Lys Ala Glu Arg Trp Gly Pro Arg Thr Leu Asp
327 85 90 95
330 Leu Asp Ile Met Leu Phe Gly Asn Glu Val Ile Asn Thr Glu Arg Leu
331 100 105 110
334 Thr Val Pro His Tyr Asp Met Lys Asn Arg Gly Phe Met Leu Trp Pro
335 115 120 125
339 Leu Phe Glu Ile Ala Pro Glu Leu Val Phe Pro Asp Gly Glu Met Leu
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370 <213> ORGANISM: 3'EcXhoHPPK
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383 <212> TYPE: PRT
384 <213> ORGANISM: amino acid sequence of His(6)-HPPK gene
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393 20 25 30
396 Leu Lys Ala Leu Gly Asp Ile Pro Glu Ser His Ile Leu Thr Val Ser
397 35 40 45
400 Ser Phe Tyr Arg Thr Pro Pro Leu Gly Pro Gln Asp Gln Pro Asp Tyr

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/976,935

DATE: 11/06/2001
TIME: 14:33:13

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L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date